What is claimed is:

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CLAIMS

- 1. Isolated, purified, or enriched nucleic acid comprising a contiguous nucleic acid sequence encoding hPPARγ polypeptide.
- 2. The nucleic acid of claim 1, wherein said contiguous nucleic acid sequence comprises no less than 60 contiguous nucleotides from sequence numbers 157 to 1641 of SEQ. ID. NO. 1.
- 3. The nucleic acid of claim 1, wherein said contiguous nucleic acid sequence comprises contiguous nucleotide sequence numbers 157 to 1641 of SEQ. ID. NO. 1.
- 4. A nucleic ac probe for the detection of nucleic acid encoding a hPPARγ polypeptide in a sample.
 - 5. The nucleic acid probe of claim 4, comprising no less than 60 contiguous nucleotides from sequence numbers 157 to 1641 of SEQ. ID. NO. 1.
- 6. Recombinant nucleid acid comprising a contiguous nucleic acid sequence encoding a hPPARγ polypeptide, and a vector or a promoter effective to initiate transcription of said nucleic acid sequence in a host cell.
- 7. The recombinant nucleic acid of claim 6, comprising no less than 60 contiguous nucleotides from sequence numbers 157 to 1641 of SEQ. ID. NO. 1.
 - 8. Recombinant nucleic acid comprising a transcriptional region functional in a cell a sequence complimentary to an RNA sequence encoding a hPPARγ

polypeptide, and a transcriptional termination region functional in a cell.

- 9. The recombinant nucleic acid of claim 8 comprising no less than 60 contiguous nucleotides from sequence numbers 157 to 164 of SEQ. ID. NO. 1.
- / 10. An isolated, purified, recombinant, or enriched hPPARγ polypeptide.
- 11. A purified antibody having specific binding affinity to a hPPARγ polypeptide.
- 10 12. A hybridoma which produces an antibody having specific binding affinity to a hPPARγ polypeptide.
 - 13. A method of detecting a compound capable of binding to a hPPARγ polypeptide comprising the steps of incubating said compound with said hPPARγ polypeptide and detecting the presence of said compound bound to said hPPARγ polypeptide.

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